

**EG&G ROCKY FLATS, INC.**

ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

FILE COPY

June 19, 1991

91-RF-2707

**Robert M. Nelson, Jr.**

## Manager

DOE, RFO

Attn: F. R. Lockhart

**GEOLOGIC CHARACTERIZATION (2559) - JEE-0099-91**

Ref: D. P. Simonson, ltr (2559) to J. M. Kersh, Geologic Characterization, April 11, 1991

EG&G is in receipt of DOE's letter dated April 11, 1991 which sets a milestone of June 28, 1991 for the delivery to DOE of the Draft Final Geologic Characterization. However, per subsequent discussions with Brent Lewis of your staff, the milestone date has been extended to July 31, 1991. EG&G believes that this report is extremely important to the Environmental Management program at Rocky Flats Plant (RFP), because the Geologic Characterization is the cornerstone for all monitoring and remedial activities at RFP and is used to:

- **Help determine monitoring well locations for characterizing the extent of contaminant plumes associated with the RCRA/CERCLA sites;**
- **Define the boundaries of channels with relatively high hydraulic conductivities;**
- **Map groundwater flow directions and the potential pathways for contaminant movement;**
- **Aid in the design of aquifer tests and the interpretation of data;**
- **Ensure that monitoring wells are drilled to and screened over the proper intervals;**
- **Control the cost of the monitoring program by eliminating or reducing the chances of poorly designed and incorrectly placed wells;**
- **Define the risk of a seismic event in the area of RFP;**
- **Characterize new construction areas and contribute to the selection of the best environmental location if multiple sites are available; and**
- **Supply the hydrogeologic data for the RFP sitewide hydrogeologic model.**

## ADMIN RECORD

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EG&G will deliver the Draft Final Geologic Characterization by July 31, 1991. Included will be the text, maps, cross sections, and all appendices.

If you have any questions concerning this matter, please contact Jim Langman at extension 5975.



J. E. Evered, Director  
Environmental Management  
EG&G Rocky Flats

JWL:la

Orig. and 1 cc - R. M. Nelson, Jr.